

IN THE SPECIFICATION:

Please replace the third paragraph on page 1 of the substitute specification, which starts “A shortcoming” with the following:

A shortcoming of the known device is the lack of reliable centering in a well, since no more than two operating elements may be provided in the housing without detriment to its strength. This results in vibration and whipping during the process of well reaming. In so doing the surface of the reamed well section becomes irregular, which does not provide for quality ~~qualitative~~ installation of profile liner ~~in isolation of trouble zones~~ during ~~wells~~ well drilling. The Rate rate of borehole reaming is also low.

Please replace the fifth paragraph on page 1 of the substitute specification, which starts “There is another” with the following:

There is another known reamer, which comprises a housing with inclined slots and a central straight-through channel in which a rod is placed and spring-loaded towards the lower end of the housing, legs with journals fixed in inclined slots of the body, on which journals rolling cutters are provided and supported. Free ends of legs² the journals are fastened, and interact with the rod through pushers (Patent of the Russian Federation No 2172385 class E21B 7/28, 2001).

Please replace the paragraph bridging pages 1 and 2 of the substitute specification, which starts “Shortcomings of this ” with the following:

Shortcomings of this device include low serviceability and reliability due to presence in its design of a ring piston, rigidly connected with the rod, and pushers of supports in the form of two-member links, which cannot withstand heavy power loads. Additionally, the design of the known reamer does not allow ~~to exercise~~ control over settings of the operating elements into working position.

Please replace the first full paragraph on page 2 of the substitute specification, which starts “ An object of’ with the following:

An object of the invention is to increase ~~of~~ serviceability and reliability of a reamer. The object is achieved by a well reamer, comprising a housing with inclined slots and a central straight-through channel, in which a rod is placed and spring-loaded towards a lower end of the housing. Legs having journals are provided in the inclined slots of the housing, and rolling cutters are provided and supported by the journals. The free ends of ~~legs~~² ~~the~~ journals are secured, and interact with the rod through pushers. According to the invention, the pushers ~~of supports~~ are made in the form of cylindrical pistons, ~~placed~~ disposed in inclined bores of the housing and tightened relative to its straight-through channel and annulus environment, ~~of which some. First~~ ends are connected to the supports, and ~~the others~~ other ends are connected to the rod with the possibility of radial movements with respect to the walls of the housing. The central

straight-through channel of the housing communicates with annulus the environment through first and second holes in the walls of the housing and the rod. Those holes are covered while extending the legs and the cutters to an operating position.

Please replace the paragraph bridging pages 3 and 4 of the substitute specification, which starts "At the prescribed " with the following:

At the prescribed well depth, one starts rotation of the drill string 25 and simultaneously supply supplies into it a washing fluid, which flows into the central straight-through channel 2 of the housing 1 and further - into washout ports of the bit, in which differential pressure is created. As the differential pressure above the bit increases, pistons 17 connected with the rod 3 by the sliders 20 overcomes overcome the power of spring 3 4 and moves move the supports 16, the cutters 13, and the legs 11 along the inclined first slots 10 into the operating position, up to the stop at an end face 29 of the reducer 26. At that position, the fluid from the chamber 5 is displaced into annulus environment of the well 28 through the first holes 6 of the housing 1, while the second holes 7 in the rod 3 are covered by the thrust bushing 9, which results in an abrupt pressure increase in the reamer and serves as a signal that operating elements (the legs 11 and the cutters 13) of the reamer have been extended into the operating position. Further, by moving the reamer downward, the well is reamed within a specified interval.